

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121019\
 Data File : BE100831.D
 Acq On : 11 Dec 2019 4:12
 Operator : JU
 Sample : K6184-22
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE104D3-20191204

Quant Time: Dec 11 05:43:05 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE120419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 04 17:18:11 2019
 Response via : Initial Calibration

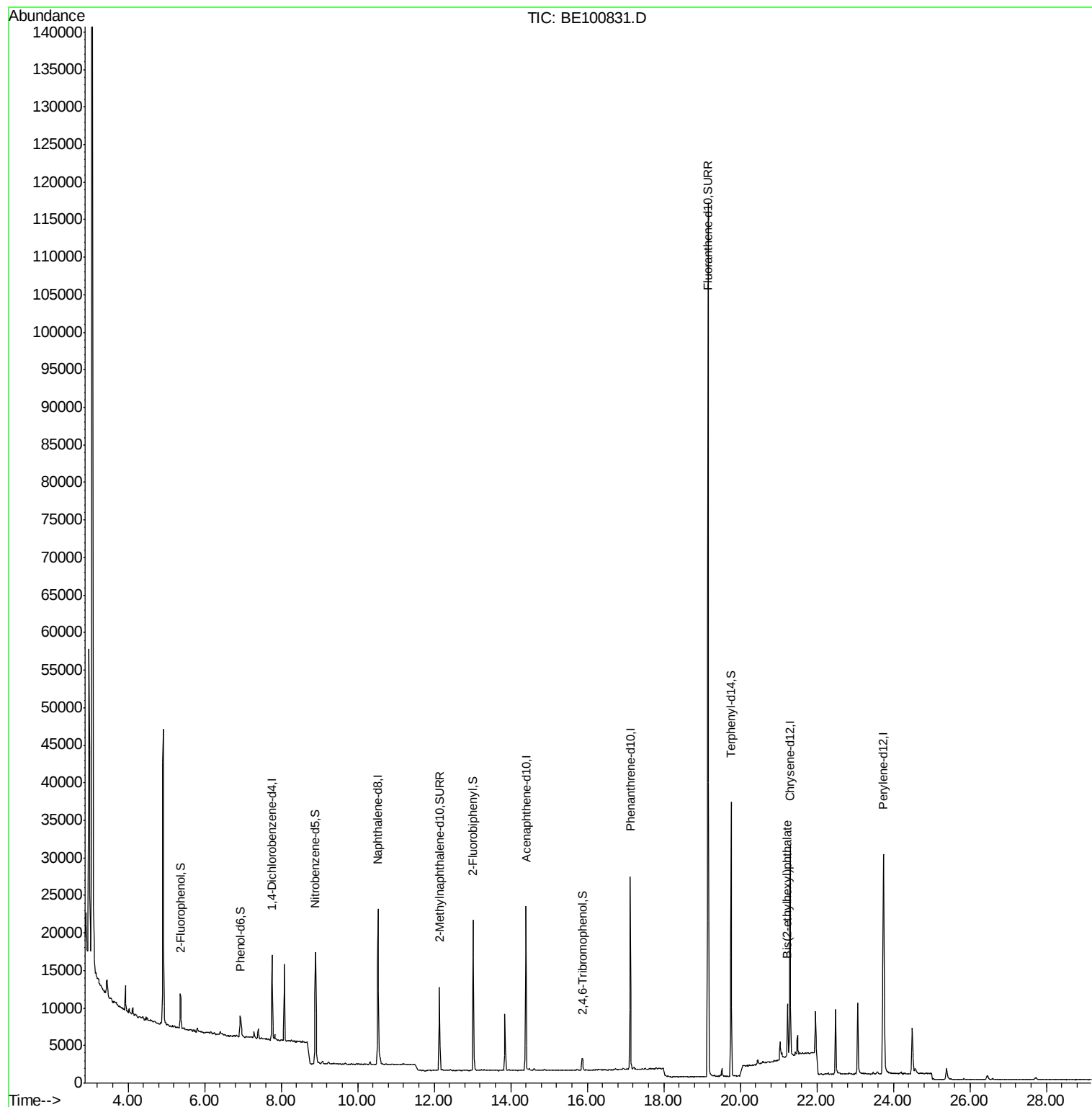
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	5138	0.40	ng	-0.01
7) Naphthalene-d8	10.54	136	23551	0.40	ng	0.00
13) Acenaphthene-d10	14.40	164	13557	0.40	ng	0.00
19) Phenanthrene-d10	17.12	188	32316	0.40	ng	-0.01
27) Chrysene-d12	21.31	240	28805	0.40	ng	0.00
34) Perylene-d12	23.74	264	37171	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.37	112	2549	0.21	ng	0.00
5) Phenol-d6	6.93	99	2345	0.13	ng	0.00
8) Nitrobenzene-d5	8.90	82	6053	0.54	ng	0.00
11) 2-Methylnaphthalene-d10	12.14	152	14292	0.42	ng	0.00
14) 2,4,6-Tribromophenol	15.88	330	989	0.66	ng	0.00
15) 2-Fluorobiphenyl	13.02	172	19772	0.37	ng	-0.01
25) Fluoranthene-d10	19.16	212	147497	0.39	ng	0.00
29) Terphenyl-d14	19.76	244	29226	0.42	ng	0.00
Target Compounds						Qvalue
32) Bis(2-ethylhexyl)phthalate	21.23	149	9983	0.130	ng	100

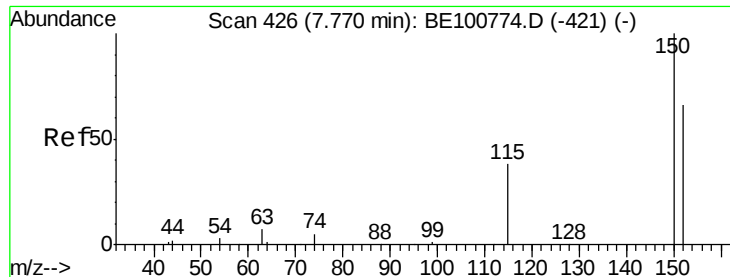
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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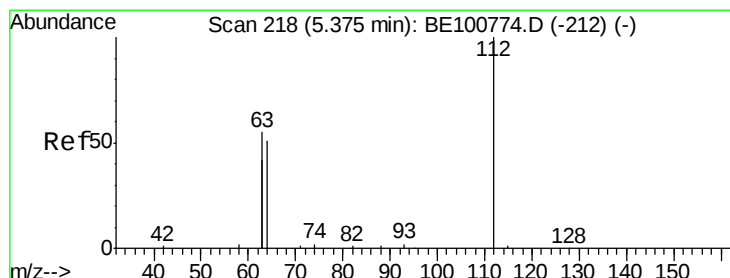
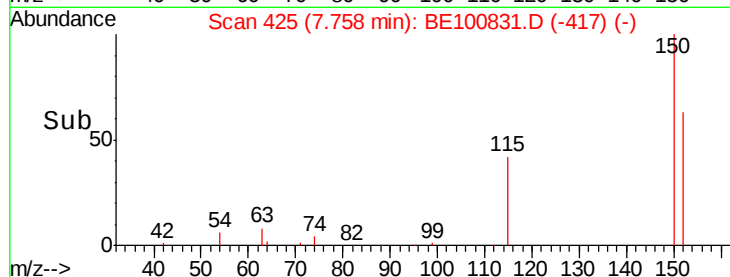
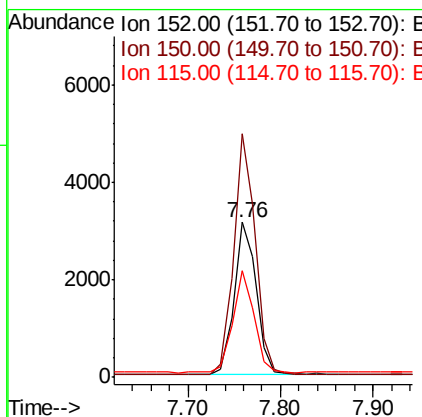
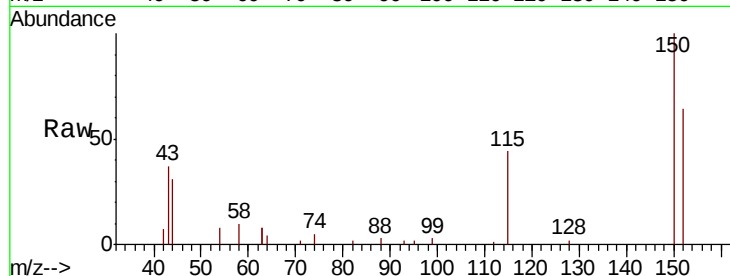


#1

1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.76 min Scan# 425
 Delta R.T. -0.01 min
 Lab File: BE100831.D
 Acq: 11 Dec 2019 4:12

Instrument :
 BNA_E
 ClientSampleId :
 RE104D3-20191204

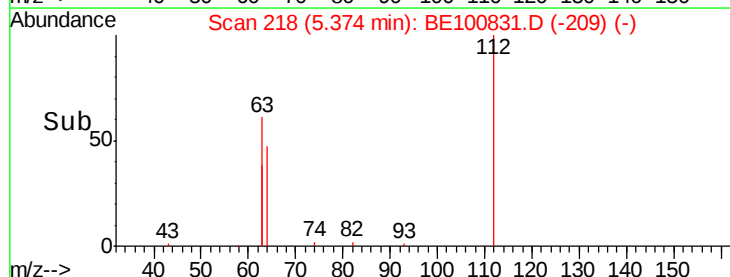
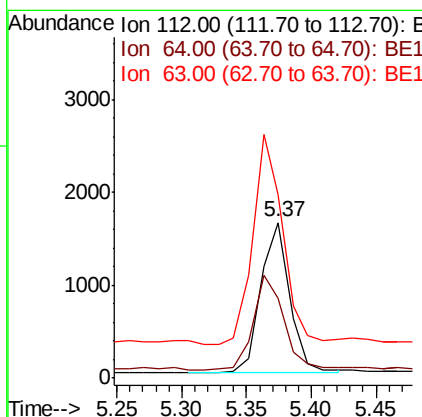
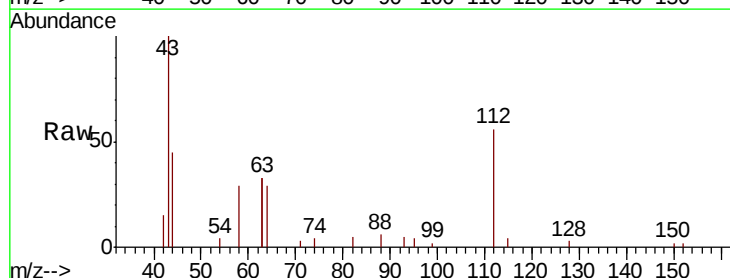
Tot Ion:152 Resp: 5138
 Ion Ratio Lower Upper
 152 100
 150 156.8 120.6 181.0
 115 68.3 47.4 71.2

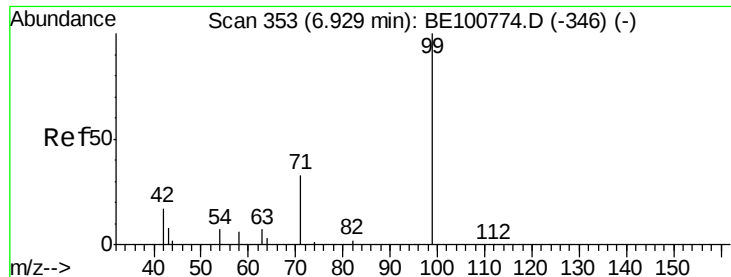


#4

2-Fluorophenol
 Concen: 0.209 ng
 RT: 5.37 min Scan# 218
 Delta R.T. -0.00 min
 Lab File: BE100831.D
 Acq: 11 Dec 2019 4:12

Tgt Ion:112 Resp: 2549
 Ion Ratio Lower Upper
 112 100
 64 66.5 54.1 81.1
 63 142.4 113.2 169.8





#5

Phenol-d6

Concen: 0.127 ng

RT: 6.93 min Scan# 353

Delta R.T. -0.00 min

Lab File: BE100831.D

Acq: 11 Dec 2019 4:12

Instrument :

BNA_E

ClientSampleId :

RE104D3-20191204

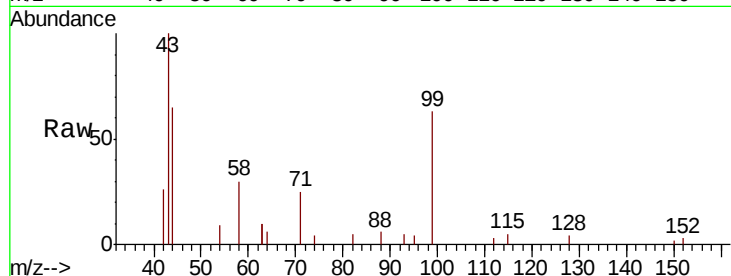
Tot Ion: 99 Resp: 2345

Ion Ratio Lower Upper

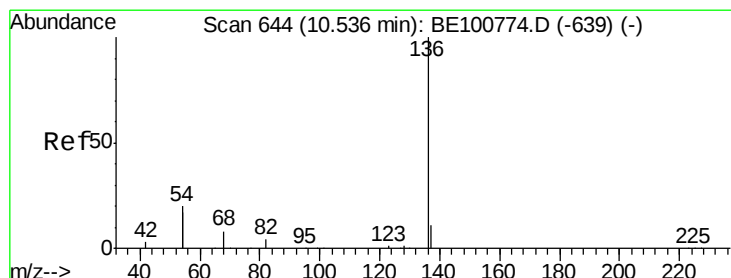
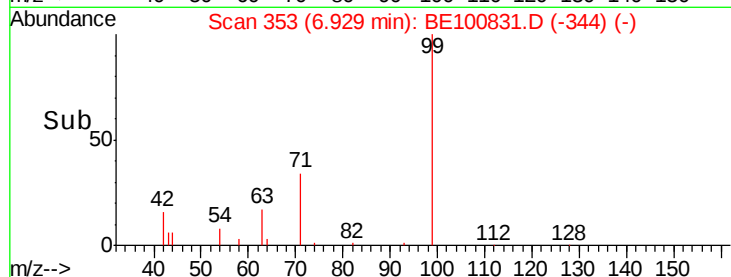
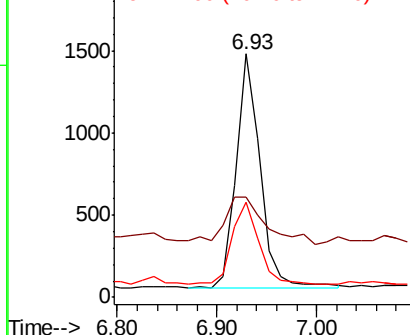
99 100

42 34.8 19.1 28.7#

71 39.1 27.7 41.5



Abundance Ion 99.00 (98.70 to 99.70): BE1
Ion 42.00 (41.70 to 42.70): BE1
Ion 71.00 (70.70 to 71.70): BE1



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.54 min Scan# 644

Delta R.T. 0.00 min

Lab File: BE100831.D

Acq: 11 Dec 2019 4:12

Tgt Ion: 136 Resp: 23551

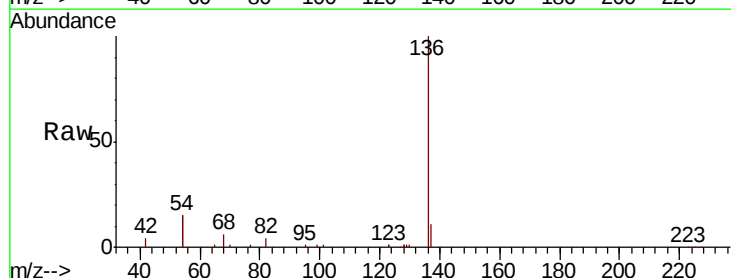
Ion Ratio Lower Upper

136 100

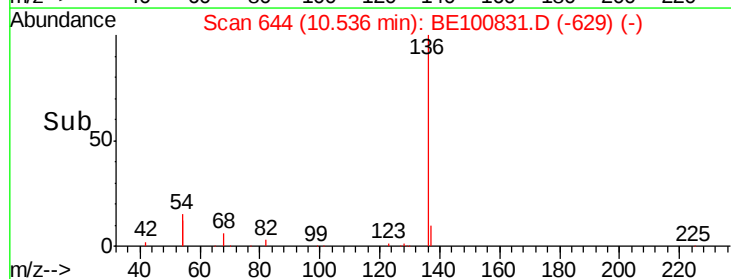
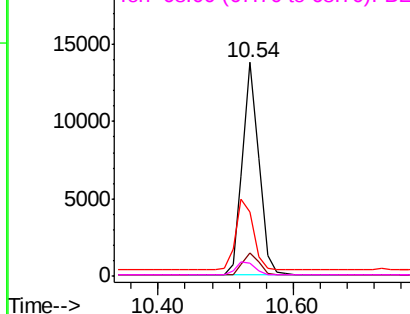
137 10.8 9.4 14.0

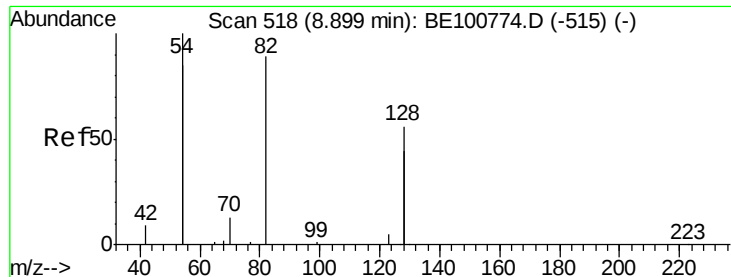
54 30.3 31.1 46.7#

68 6.2 6.6 10.0#



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BE1
Ion 68.00 (67.70 to 68.70): BE1





#8

Nitrobenzene-d5

Concen: 0.540 ng

RT: 8.90 min Scan# 518

Delta R.T. 0.00 min

Lab File: BE100831.D

Acq: 11 Dec 2019 4:12

Instrument :

BNA_E

ClientSampleId :

RE104D3-20191204

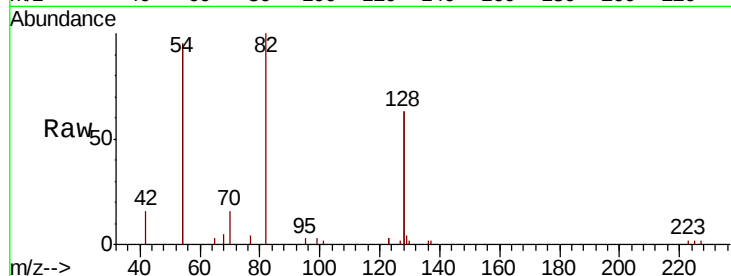
Tot Ion: 82 Resp: 6053

Ion Ratio Lower Upper

82 100

128 125.6 97.0 145.4

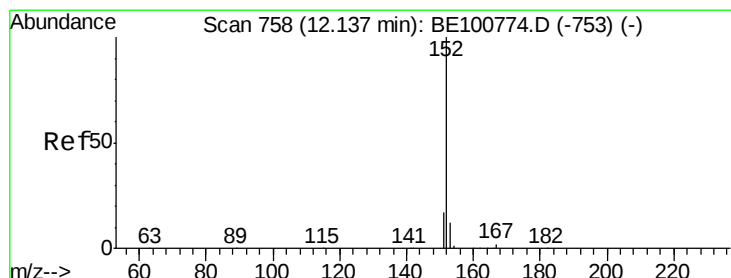
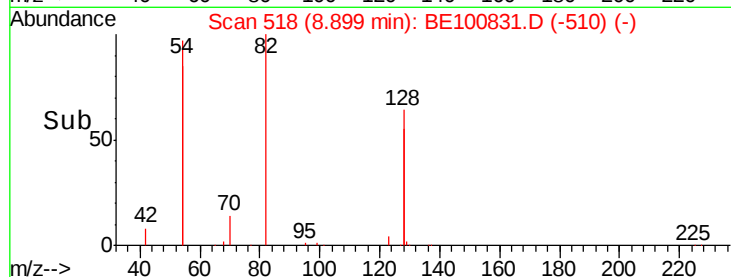
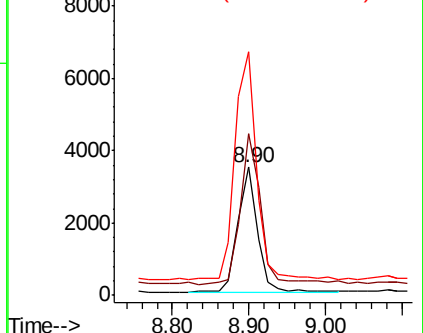
54 189.9 171.8 257.6



Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): BE1

Ion 54.00 (53.70 to 54.70): BE1



#11

2-Methylnaphthalene-d10

Concen: 0.419 ng

RT: 12.14 min Scan# 758

Delta R.T. -0.00 min

Lab File: BE100831.D

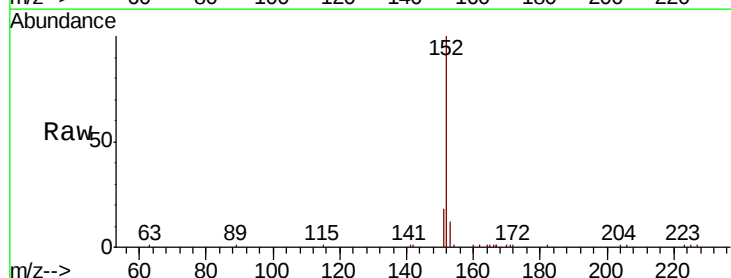
Acq: 11 Dec 2019 4:12

Tgt Ion:152 Resp: 14292

Ion Ratio Lower Upper

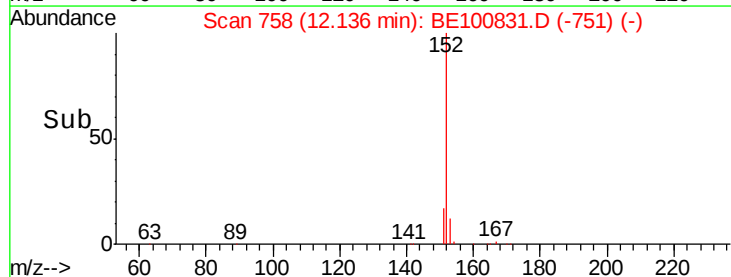
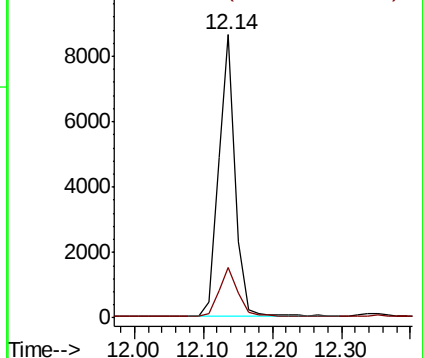
152 100

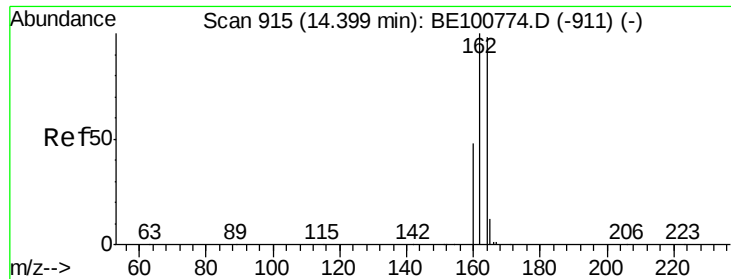
151 19.7 15.8 23.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.40 min Scan# 915

Delta R.T. -0.00 min

Lab File: BE100831.D

Acq: 11 Dec 2019 4:12

Instrument :

BNA_E

ClientSampleId :

RE104D3-20191204

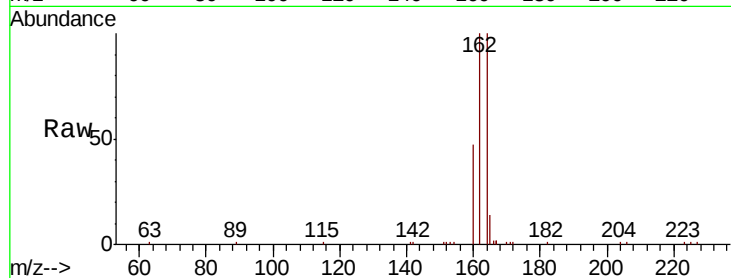
Tot Ion:164 Resp: 13557

Ion Ratio Lower Upper

164 100

162 100.5 81.4 122.0

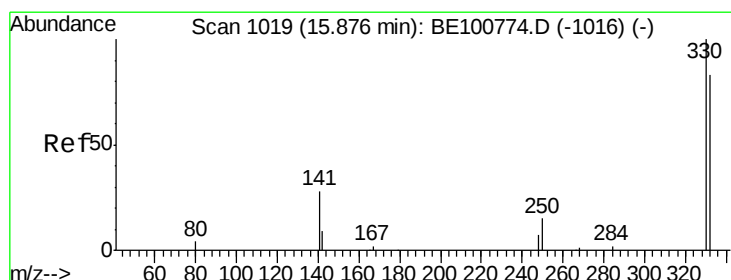
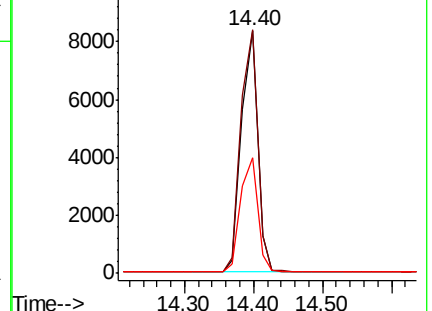
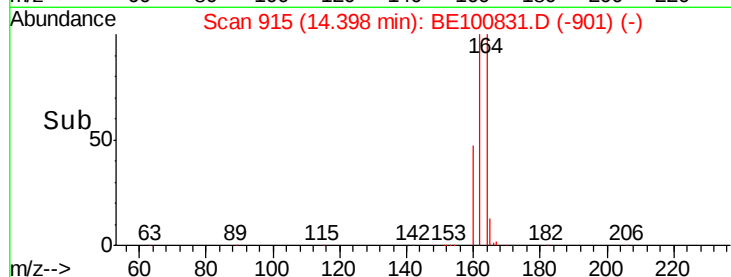
160 47.5 39.4 59.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 0.656 ng

RT: 15.88 min Scan# 1019

Delta R.T. -0.00 min

Lab File: BE100831.D

Acq: 11 Dec 2019 4:12

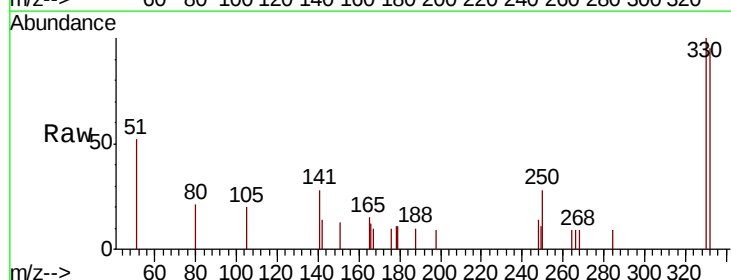
Tgt Ion:330 Resp: 989

Ion Ratio Lower Upper

330 100

332 96.4 69.4 104.2

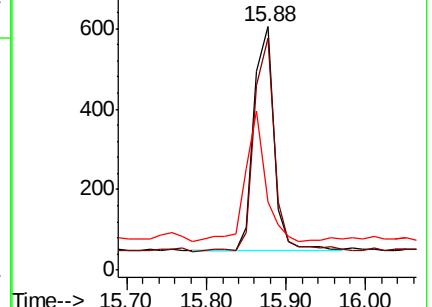
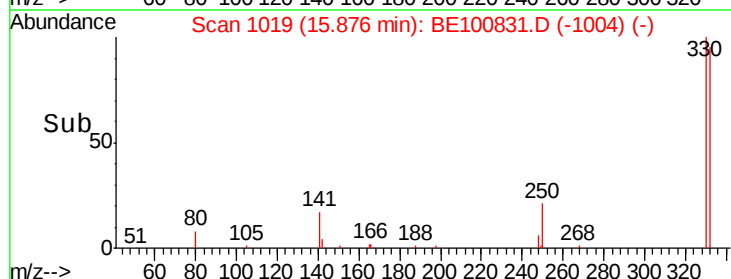
141 57.9 51.1 76.7

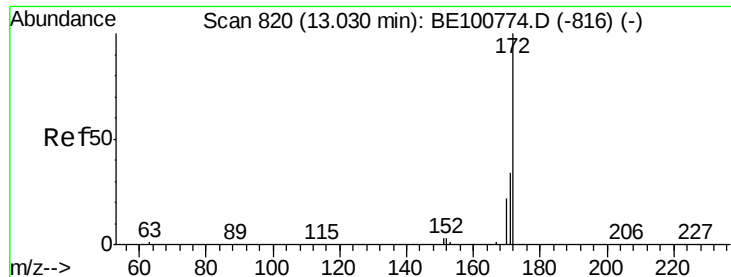


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

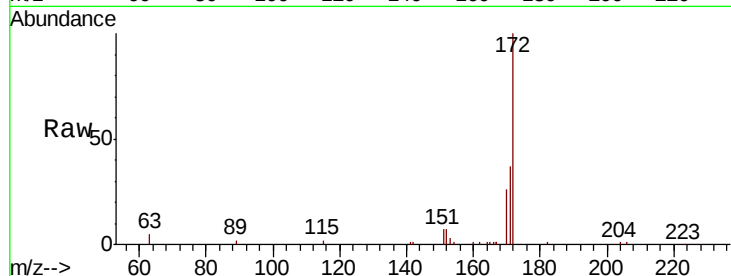




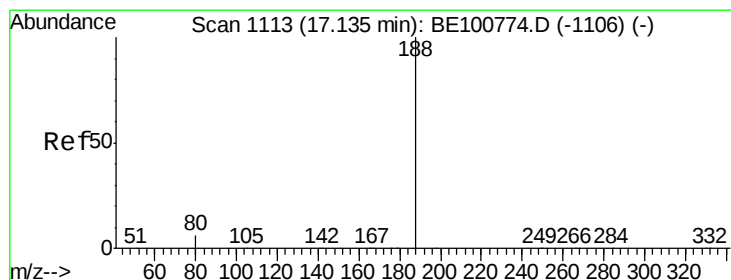
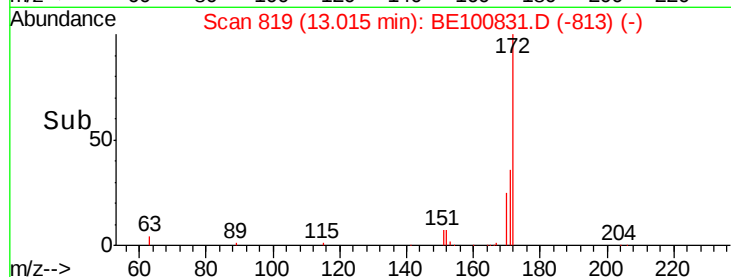
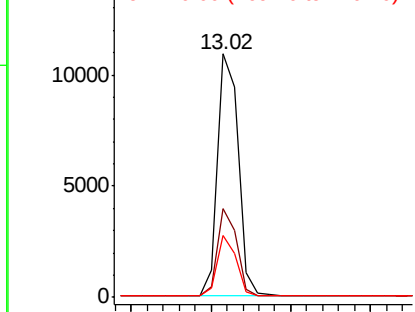
#15
2-Fluorobiphenyl
Concen: 0.368 ng
RT: 13.02 min Scan# 819
Delta R.T. -0.01 min
Lab File: BE100831.D
Acq: 11 Dec 2019 4:12

Instrument :
BNA_E
ClientSampleId :
RE104D3-20191204

Tot Ion:172 Resp: 19772
Ion Ratio Lower Upper
172 100
171 36.5 27.2 40.8
170 25.6 18.0 27.0

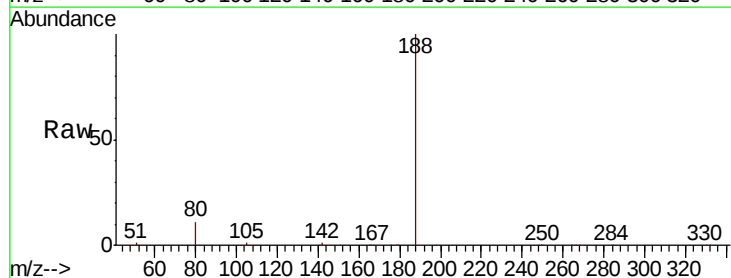


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

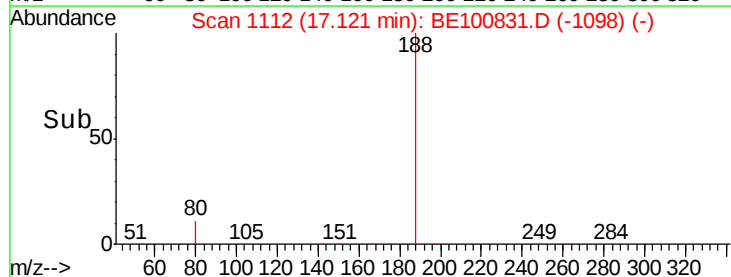
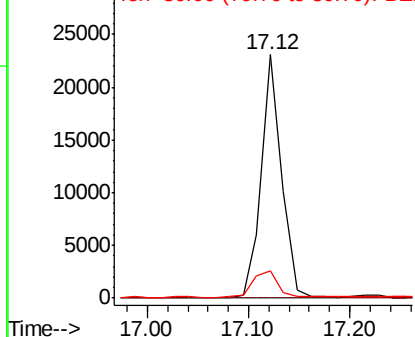


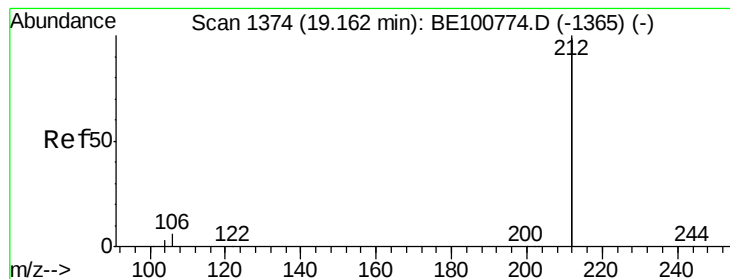
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.12 min Scan# 1112
Delta R.T. -0.01 min
Lab File: BE100831.D
Acq: 11 Dec 2019 4:12

Tgt Ion:188 Resp: 32316
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.4 5.2 7.8#



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BE1
Ion 80.00 (79.70 to 80.70): BE1





#25

Fluoranthene-d10

Concen: 0.386 ng

RT: 19.16 min Scan# 1373

Delta R.T. -0.01 min

Lab File: BE100831.D

Acq: 11 Dec 2019 4:12

Instrument :

BNA_E

ClientSampleId :

RE104D3-20191204

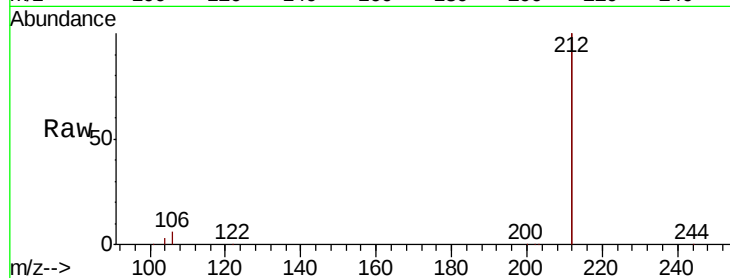
Tot Ion:212 Resp: 147497

Ion Ratio Lower Upper

212 100

106 3.3 2.6 3.8

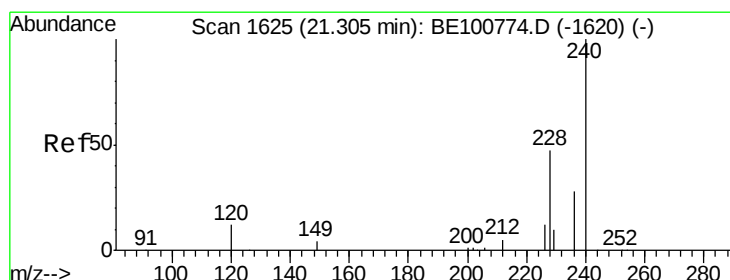
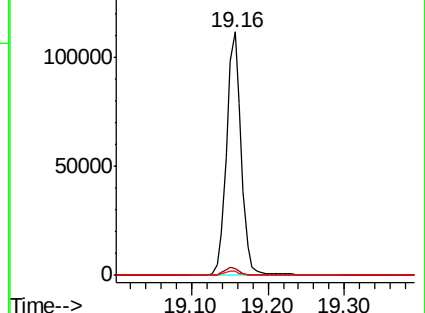
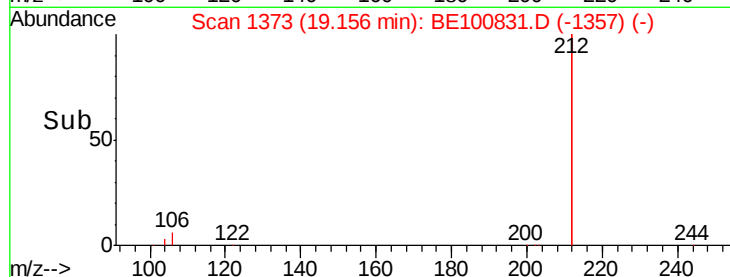
104 1.9 1.4 2.2



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.31 min Scan# 1624

Delta R.T. -0.00 min

Lab File: BE100831.D

Acq: 11 Dec 2019 4:12

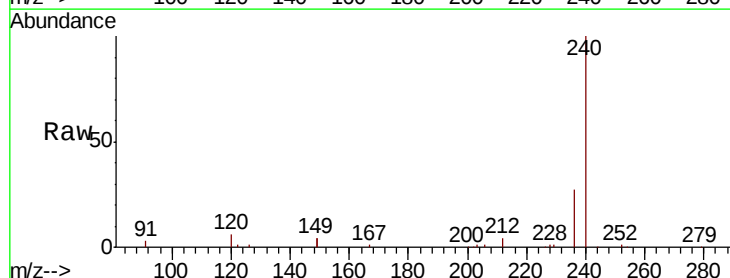
Tgt Ion:240 Resp: 28805

Ion Ratio Lower Upper

240 100

120 6.0 10.2 15.2#

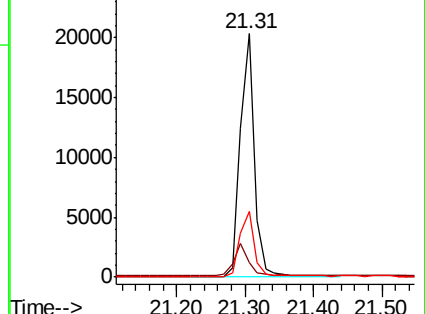
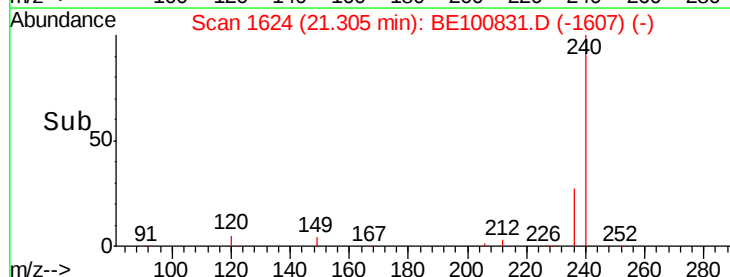
236 27.0 22.3 33.5

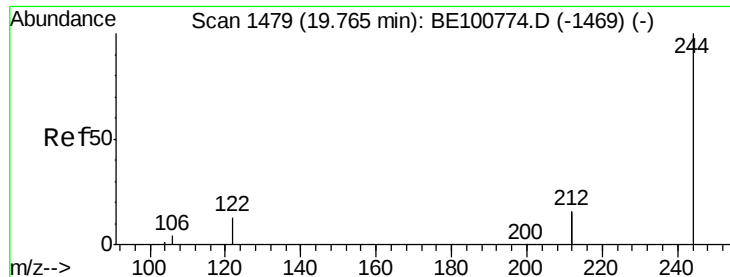


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.424 ng

RT: 19.76 min Scan# 1478

Delta R.T. -0.01 min

Lab File: BE100831.D

Acq: 11 Dec 2019 4:12

Instrument :

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RE104D3-20191204

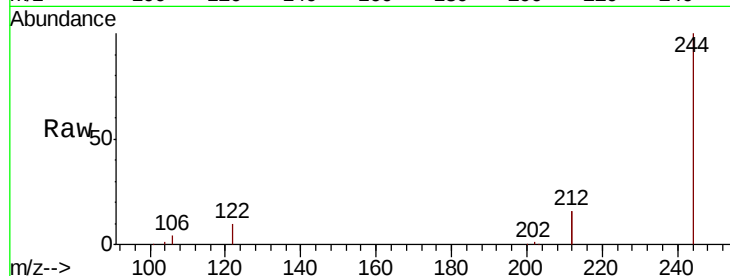
Tot Ion:244 Resp: 29226

Ion Ratio Lower Upper

244 100

212 31.1 26.2 39.4

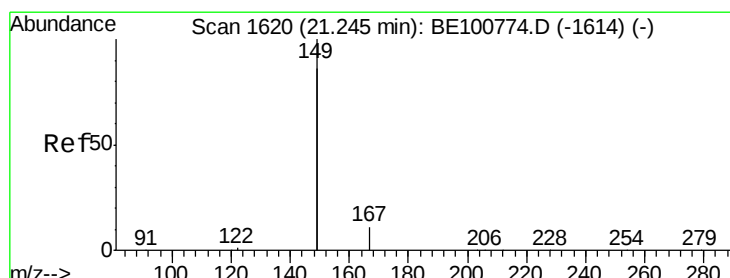
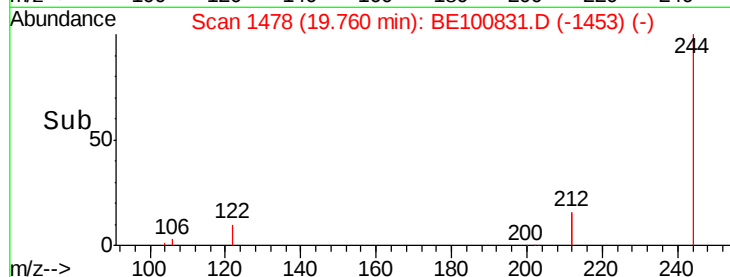
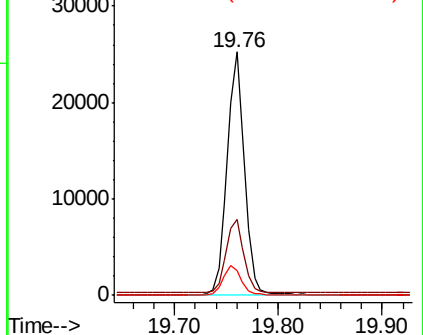
122 10.4 10.2 15.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.130 ng

RT: 21.23 min Scan# 1618

Delta R.T. -0.01 min

Lab File: BE100831.D

Acq: 11 Dec 2019 4:12

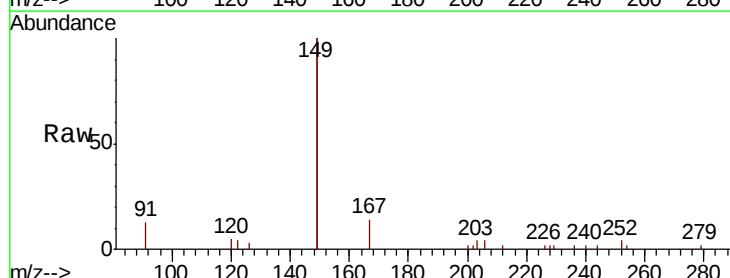
Tgt Ion:149 Resp: 9983

Ion Ratio Lower Upper

149 100

167 6.3 5.0 7.6

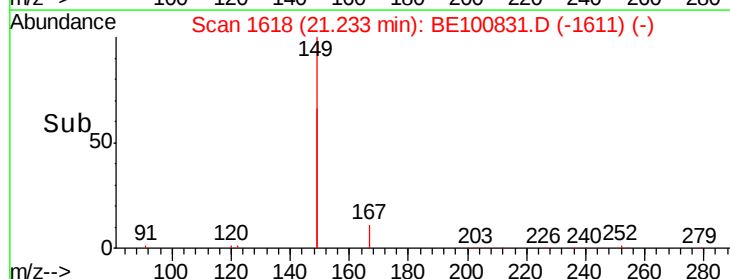
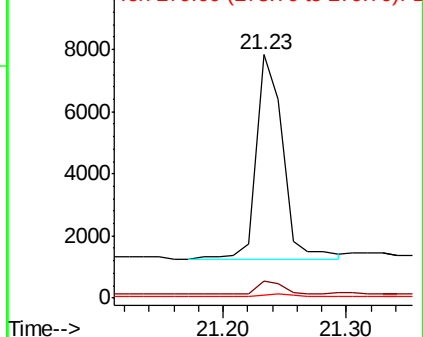
279 0.9 0.7 1.1

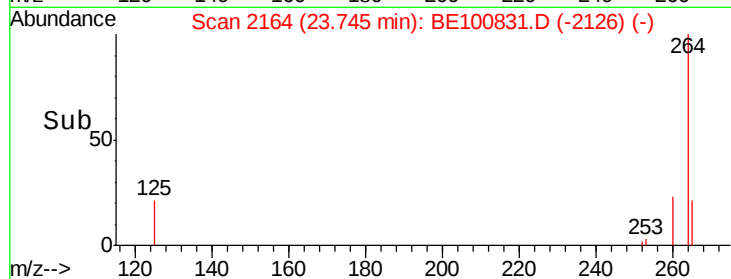
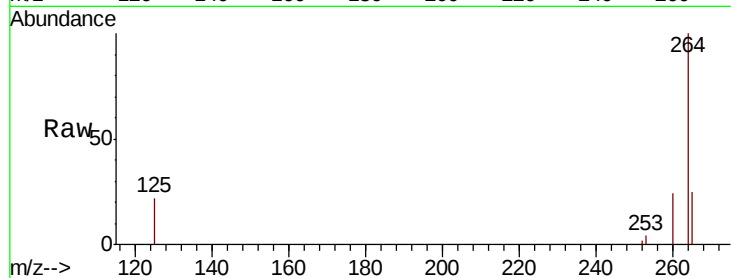
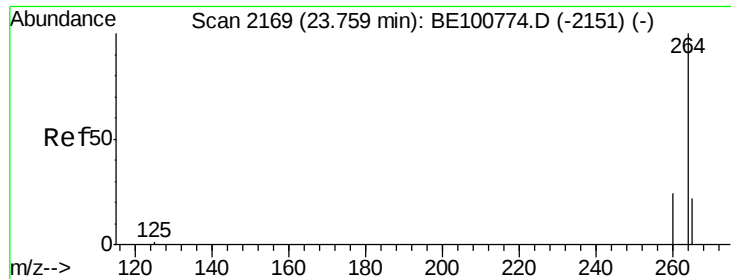


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34

Pervlene-d12

Concen: 0.400 ng

RT: 23.74 min Scan# 2164

Delta R.T. -0.01 min

Lab File: BE100831.D

Acq: 11 Dec 2019 4:12

Instrument :

BNA_E

ClientSampleId :

RE104D3-20191204

Tot Ion: 264 Resp: 37171

Ion Ratio Lower Upper

264 100

260 23.6 19.4 29.2

265 24.6 21.8 32.8

